

International Application No. PCT/US95/07721
International Filing Date: 19 June 1995
PRELIMINARY AMENDMENT

44. (Amended) A method for screening for a compound which alters the binding of [a scavenger receptor protein selected from the group consisting of] scavenger receptor protein type BI [which selectively binds to low density lipoprotein and to modified lipoprotein having the characteristics of acetylated low density lipoprotein and scavenger receptor protein type CI which selectively binds to modified lipoprotein having the characteristics of acetylated low density lipoprotein and having the structure of the scavenger receptor protein defined by Sequence ID No. 6] comprising

providing an assay for binding of low density lipoprotein or modified low density lipoprotein to the scavenger receptor protein,

adding the compound to be tested to the assay, and

determining if the amount of modified low density lipoprotein or low density lipoprotein which is bound to the scavenger receptor protein is altered as compared to binding in the absence of the compound to be tested.


50. (Amended) A method for screening patients for abnormal scavenger receptor protein activity or function comprising

determining the presence of [a scavenger receptor protein selected from the group consisting of] scavenger receptor protein type BI [which selectively binds to low density lipoprotein and to modified lipoprotein having the characteristics of acetylated low density lipoprotein and scavenger receptor protein type CI which selectively binds to modified lipoprotein having the characteristics of acetylated low density lipoprotein and having the structure of the scavenger receptor protein defined by Sequence ID No. 6 in a patient

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sample], and comparing the scavenger receptor for to determine if the quantity present or the function of the receptor is equivalent to that present in normal cells.

Respectfully submitted,

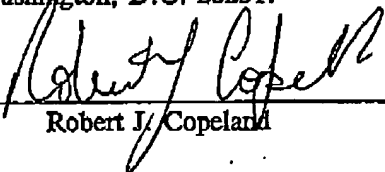

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CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this Preliminary Amendment, and any documents referred to as attached therein are being deposited with the United States Postal Service on this date, 23 December 1996, in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, Mailing Label Number EM470184770US addressed to Box PCT, Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 23 December 1996


Robert J. Copeland